

WIRELESS

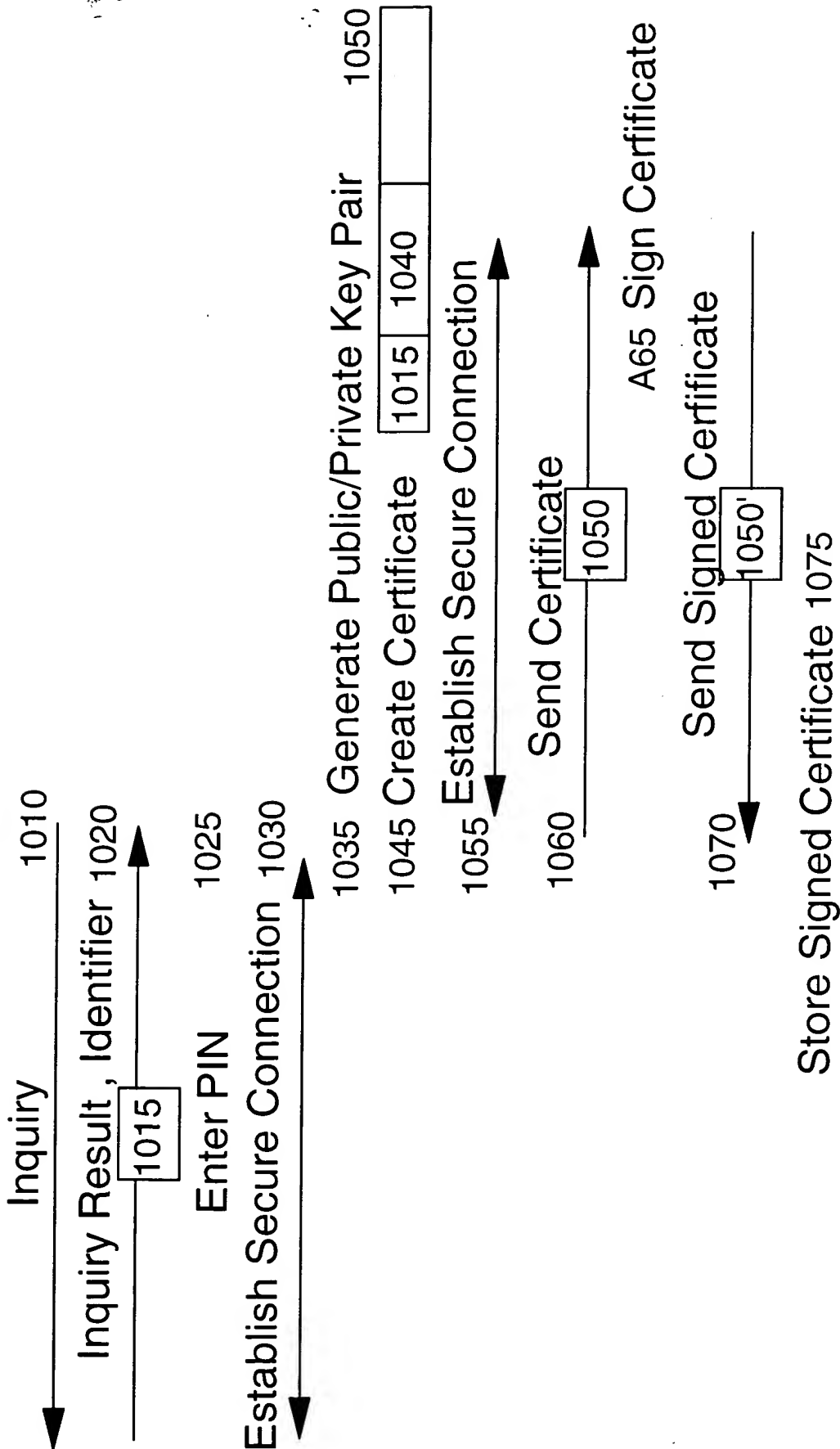
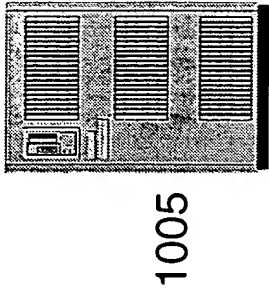
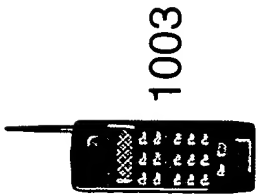
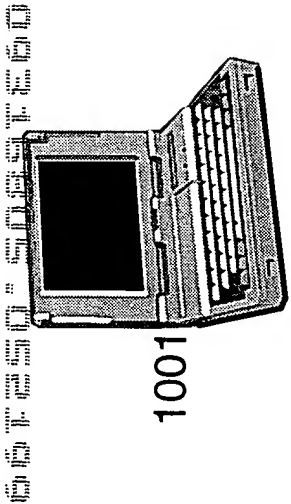


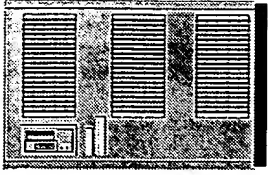
Fig. 1A



1003



1001



1005

1080 Send Cert. & Keys, Disconnect

Store Signed Certificate
and Public Key 1085

Store Private Key 1090
as Protected Value

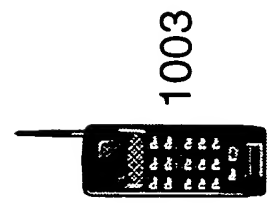
Delete PIN

1095

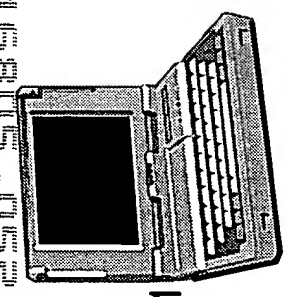
Delete PIN

Fig. 1B

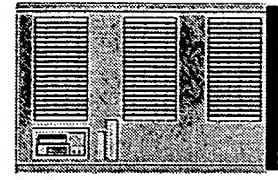
1512345678901234567890



1003



1001



1005

Inquiry 1010

Inquiry Result, Identifier 1020

1015

Generate Public/Private

Key Pair 1110

Securely Store

Private Key 1115

Establish Connection

1120

Send Public Key

1125

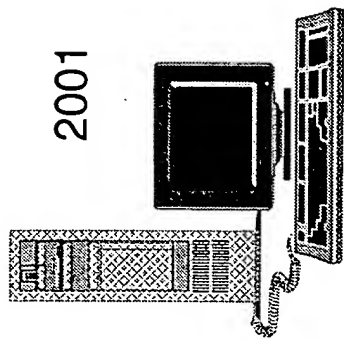
Send Signed Certificate & Public Key

1050'

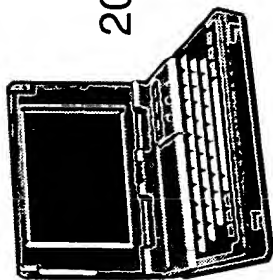
1130

Same as Steps in
Figure 1A & 1B

Fig. 1C



2001



2003

Authentication

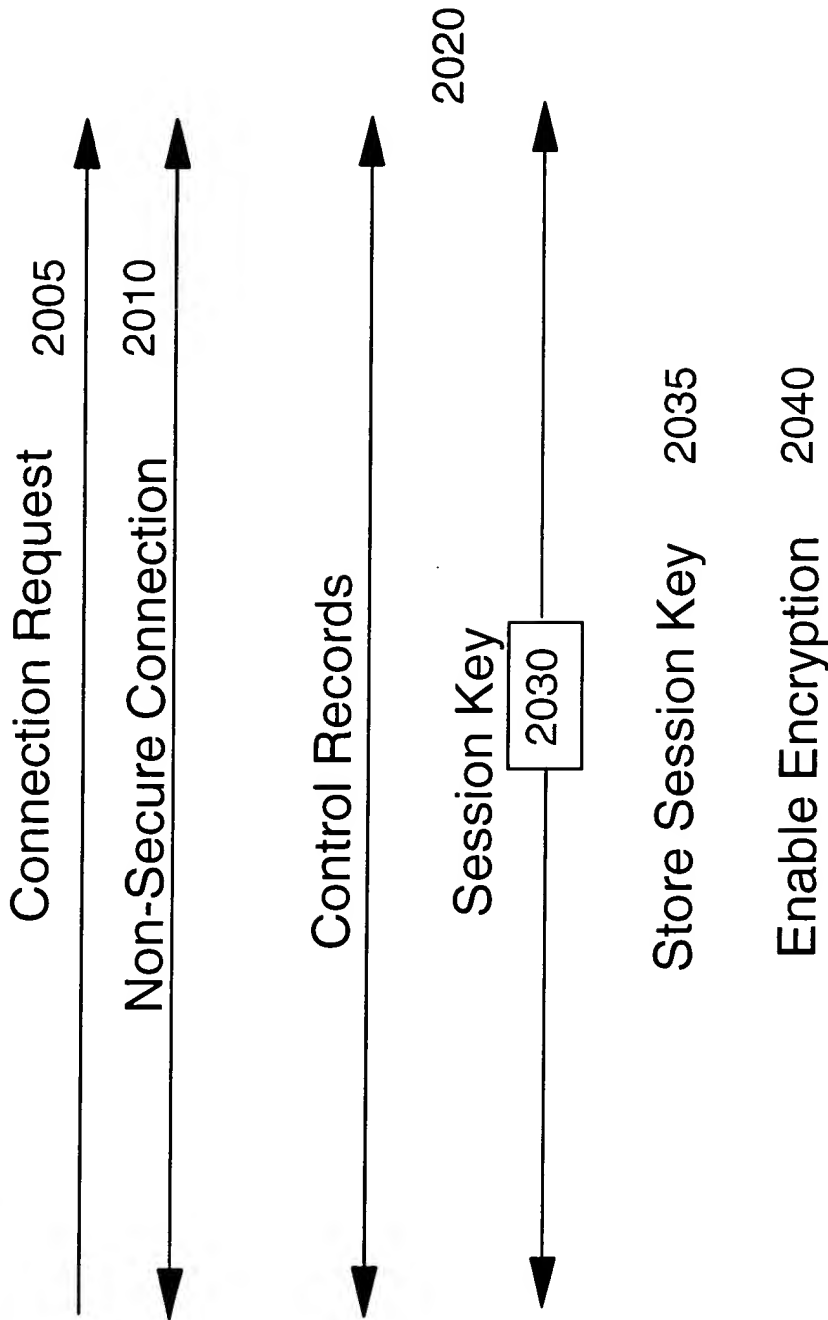


Fig. 2

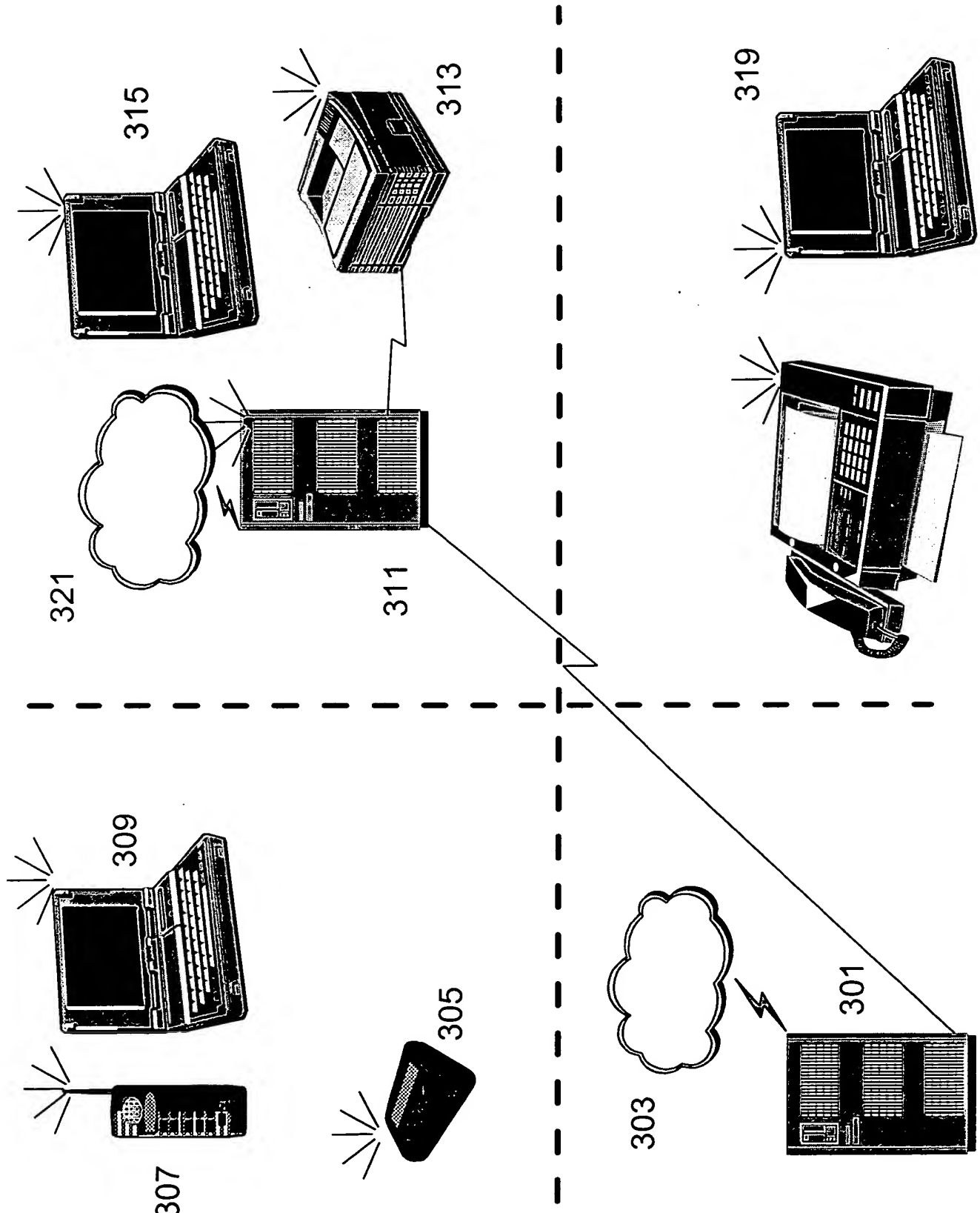
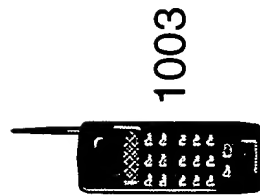


Fig. 3

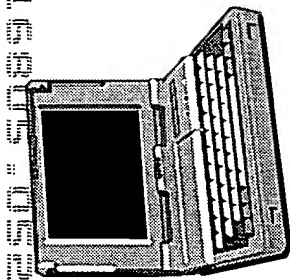
1050'

Device Identifier	4010
Public Key	4015
Optional Data	4020

Fig. 4

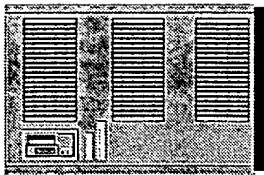


1003



5001

607-630-5050



1005

Authentication & Encryption 5010

Request Access 5020

Request Authorization 5030

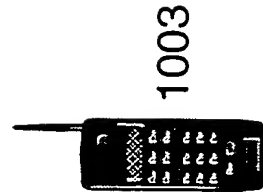
5040 Consult Database

Granted or Denied

Granted or Denied

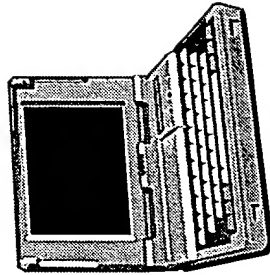
5050

Fig. 5A



1003

5001 5010 5020 5100 5110 5150



5001

Authentication & Encryption

5010

Request Access

5020

Examine Optional
Data in Certificate

5100

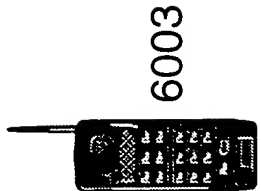
5110 Determine Authorization

Granted or Denied

5150

Fig. 5B

Head Set 6001



Unpaired 6010 Unpaired
Device Certificate Present Device Certificate Present

User Initiates Pairing 6020 User Initiates Pairing



6040 Display Device ID from Certificate

User compares device ID displayed with 6050
externally provided device ID

User accepts pairing if they match 6060

User rejects pairing if they don't match 6070

Fig. 6